

Amended claims under PCT article No. 19

1. (amended) An on-vehicle information terminal that  
generates an abridged map by abridging a map based upon map  
5 data and displays the abridged map, comprising:

an abridgment factor setting unit that sets an  
abridgment factor indicating an extent to which the map is  
to be abridged;

a map abridging unit that generates the abridged map  
10 with specific contents in correspondence to the abridgment  
factor set by the abridgment factor setting unit; and

a display unit that displays the abridged map generated  
by the map abridging unit, wherein:

if the abridgment factor is set to a highest level, the  
15 map abridging unit generates an abridged map that includes  
a route having been set which is indicated as a straight line  
and names of guidance-requiring intersections at which the  
route makes a turn displayed on the straight line.

20 2. (amended) An on-vehicle information terminal  
according to claim 1, wherein:

the map abridging unit displays the names of  
guidance-requiring intersections corresponding to a  
predetermined number of guidance-requiring intersections  
25 closest to a current position.

3. (amended) An on-vehicle information terminal  
according to claim 1 or claim 2, wherein:

the map abridging unit generates the abridged map by  
5 executing linearization processing and orthogonalization  
processing for road shapes; and

the map abridging unit generates the abridged map with  
specific contents by adjusting at least either an extent of  
linearization to be achieved through the linearization  
10 processing or an extent of orthogonalization to be achieved  
through the orthogonalization processing in correspondence  
to the abridgment factor.

4. (amended) An on-vehicle information terminal  
15 according to any of claims 1 through 3, wherein:

if the abridgment factor is set to a lowest level, an  
initial unabridged map is displayed.

5. (amended) An on-vehicle information terminal  
20 according to any of claims 1 through 4, wherein:

the abridgment factor setting unit sets a higher  
abridgment factor when a greater number of intersections at  
which the route set on the map makes turns are present along  
the route.

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6. (amended) An on-vehicle information terminal  
according to any of claims 1 through 4, wherein:

the abridgment factor setting unit sets the abridgment  
factor in correspondence to a road type assigned to the route  
5 set on the map.

7. (amended) An abridged map generation apparatus that  
generates an abridged map by abridging a map based upon map  
data, comprising:

10 an abridgment factor setting unit that sets an  
abridgment factor indicating an extent to which the map is  
to be abridged;

a map abridging unit that generates the abridged map  
with specific contents in correspondence to the abridgment  
15 factor set by the abridgment factor setting unit; and

an abridged map output unit that outputs the abridged  
map generated by the map abridging unit to an external  
recipient as a signal, wherein:

if the abridgment factor is set to a highest level, the  
20 map abridging unit generates an abridged map that includes  
a route having been set which is indicated as a straight line  
and names of guidance-requiring intersections at which the  
route makes a turn displayed on the straight line.

8. (amended) An abridged map display method for  
generating an abridged map by abridging a map based upon map  
data and displaying the abridged map, comprising:

5        setting an abridgment factor indicating an extent to  
which the map is to be abridged;

      generating the abridged map in correspondence to the  
abridgment factor having been set, by indicating a route  
having been set as a straight line and displaying names of  
guidance-requiring intersections at which the route makes  
10    turns on the straight line when the abridgment factor is set  
to a highest level; and

      displaying the abridged map having been generated.